

PTO/SB/82 (09-03)
Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995: no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|--|------------------------|-------------------|
| REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS | Application Number | 10/019,459 |
| | Filing Date | December 26, 2001 |
| | First Named Inventor | Sherwin S. Chen |
| | Art Unit | 2636 |
| | Examiner Name | Brent Swarthout |
| | Attorney Docket Number | BA1-99-137A |

I hereby revoke all previous powers of attorney given in the above-identified application.

☒ A Power of Attorney is submitted herewith.

OR

☐ I hereby appoint the practitioners associated with the Customer Number:

☒ Please change the correspondence address for the above-identified application to:

☐ The address associated with Customer Number:

OR

| | | | | |
|---|----------------------------|-------|----------------|----------------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Robert R. Richardson, P.S. | | | |
| Address | P.O. Box 2677 | | | |
| City | Silverdale | State | Washington | Zip 98383-2677 |
| Country | USA | | | |
| Telephone | (360) 692-0626 | Fax | (360) 692-6584 | |

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

| | | | |
|-----------|----------------------|-----------|-----------------------------|
| Name | Ann K. Galbraith | | |
| Signature | <i>Ann Galbraith</i> | | |
| Date | February 26, 2004 | Telephone | (360) 544-1027 206-544-1027 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ *Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED

MAR 09 2004

Technology Center 2600

#12
H. H. H.
3-23-04



PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM

| | |
|------------------------|--------------------------------|
| Application Number | 10/019,459 |
| Filing Date | December 26, 2001 |
| First Named Inventor | Sherwin S. Chen |
| Title | VERTICAL SITUATION DISPLAY TER |
| Art Unit | 2636 |
| Examiner Name | Brent Swarthout |
| Attorney Docket Number | BA1-99-137A |

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

| Name | Registration Number |
|----------------------|---------------------|
| Robert R. Richardson | 40,143 |
| William C. Anderson | 28,147 |
| Harry B. Field | 27,880 |
| Terje Gudmestad | 32,232 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☒ Firm or Individual Name Robert R. Richardson, P.S.

Address P.O. Box 2677

Address

City Silverdale

State Washington

Zip

98383-2677

Country USA

Telephone (360) 692-0626

Fax

(360) 892-6584

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name Ann K. Galbraith

Signature *Ann K. Galbraith*

Date February 26, 2004

Telephone (206) 544-1027

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED

MAR 09 2004

Technology Center 2600



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

| | |
|------------------------|--------------------------------|
| Application Number | 10/019,459 |
| Filing Date | December 26, 2001 |
| First Named Inventor | Sherwin S. Chen |
| Title | VERTICAL SITUATION DISPLAY TER |
| Art Unit | 2636 |
| Examiner Name | Brent Swarthout |
| Attorney Docket Number | BA1-99-137A |

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

| Name | Registration Number |
|--------------------|---------------------|
| Nicholas T. Bauz | 41,604 |
| David J. Clement | 44,082 |
| Ann K. Galbraith | 33,530 |
| Robert L. Gullette | 26,899 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

RECEIVED

MAR 09 2004

Technology Center 2600

| | | | | | |
|---|----------------------------|-------|----------------|-----|------------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Robert R. Richardson, P.S. | | | | |
| Address | P.O. Box 2677 | | | | |
| Address | | | | | |
| City | Silverdale | State | Washington | Zip | 98383-2677 |
| Country | USA | | | | |
| Telephone | (360) 692-0626 | Fax | (360) 692-6584 | | |

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

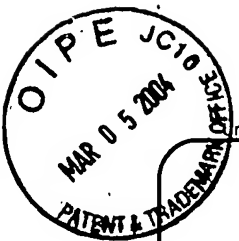
| | | | |
|-----------|------------------|-----------|----------------|
| Name | Ann K. Galbraith | | |
| Signature | | | |
| Date | | Telephone | (206) 544-1027 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/81 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

| | |
|------------------------|--------------------------------|
| Application Number | 10/019,459 |
| Filing Date | December 26, 2001 |
| First Named Inventor | Sherwin S. Chen |
| Title | VERTICAL SITUATION DISPLAY TER |
| Art Unit | 2636 |
| Examiner Name | Brent Swarthout |
| Attorney Docket Number | BA1-99-137A |

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

| Name | Registration Number |
|-----------------------|---------------------|
| John C. Hammar | 29,928 |
| Henry G. Kohlmann | 26,672 |
| Bryan C. Ogden | 25,362 |
| Charles T. Silberberg | 26,584 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☐ The address associated with Customer Number:

OR

RECEIVED

MAR 09 2004

Technology Center 2600

| | | | | | |
|---|----------------------------|-------|----------------|-----|------------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Robert R. Richardson, P.S. | | | | |
| Address | P.O. Box 2677 | | | | |
| Address | | | | | |
| City | Silverdale | State | Washington | Zip | 98383-2677 |
| Country | USA | | | | |
| Telephone | (360) 692-0626 | Fax | (360) 692-6584 | | |

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

| | | | |
|-----------|------------------|-----------|----------------|
| Name | Ann K. Galbraith | | |
| Signature | | | |
| Date | | Telephone | (206) 544-1027 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 3 _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**

| | |
|------------------------|--------------------------------|
| Application Number | 10/019,459 |
| Filing Date | December 26, 2001 |
| First Named Inventor | Sherwin S. Chen |
| Title | VERTICAL SITUATION DISPLAY TER |
| Art Unit | 2636 |
| Examiner Name | Brent Swarhout |
| Attorney Docket Number | BA1-99-137A |

I hereby appoint:



Practitioners associated with the Customer Number:

OR



Practitioner(s) named below:

| Name | Registration Number |
|--------------------|---------------------|
| Thomas W. Hennen | 27,798 |
| Lawrence W. Nelson | 34,684 |
| John R. Rafter | 28,533 |
| James P. Hamley | 28,081 |

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:



The address associated with the above-mentioned Customer Number:

OR



The address associated with Customer Number:

OR

Firm or
Individual Name

Robert R. Richardson, P.S.

Address

P.O. Box 2677

Address

City

Silverdale

State

Washington

Zip

98383-2677

Country

USA

Telephone

(360) 692-0626

Fax

(360) 692-6584

I am the:



Applicant/Inventor.



Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name

Ann K. Galbraith

Signature

Date

Telephone

(206) 544-1027

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.



*Total of 3 forms are submitted.

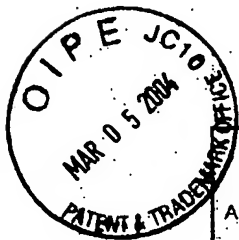
This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED

MAR 09 2004

Technology Center 2600



PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: The Boeing CompanyApplication No./Patent No.: 10/019,459 Filed/Issue Date: December 26, 2001Entitled: VERTICAL SITUATION DISPLAY TERRAIN/WAYPOINT SWATH, RANGE TO TARGET SPEED, AND BLENDED AIRPLANE REFERENCEThe Boeing Company, a Delaware corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012887, Frame 0338, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.
(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

February 26, 2004
Date

(206) 544-1027

Telephone number

Ann K. Galbraith

Typed or printed name

Ann K. Galbraith
Signature

Signature

Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED

MAR 09 2004

Technology Center 2600